

HITEC Day

Title: Electrons as an educt: using electricity in chemical reactions

Date: 29. January 2020

Location: [Forschungszentrum Jülich](#) ► Bld. 01.3z, Room 3001

Summary

Electrochemical processes applied to transform chemical products.
The range goes from targeted (organic) syntheses for small-scale applications to reactors and electrolyzers converting large amounts of energy.

You will learn about:

- Different electrochemical experiments
- Valuation of electrochemical processes
- Influence of the chemical composition and structure on the electrocatalytic properties

Contents:

- Various electrochemical systems
- Different Power to X technologies
- Energy transition by electrolyzers
- Electrocatalytic materials

Who should attend:

HITEC Ph.D.-fellows;
Postgraduate-, Ph.D.- and postdoctoral fellows from the fields of energy and climate research

HITEC Days

HITEC Days are an inherent part of the graduate school Helmholtz Interdisciplinary Doctoral Training in Energy and Climate Research (HITEC). They devote a whole day to a method or a scientific topic with lectures and discussions. The methodological days serve to encourage scientific interdisciplinarity and will enable the PhD students to extend their range of methods with respect to their own scientific work. HITEC Days always end with a 'Get together', some snacks and drinks. HITEC Days are open for HITEC Ph.D. students and other interested young scientists.